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EUROPEAN PATENT APPLICATION

21 Application number : 92402098.5

51 Int. Cl.⁵ : **A61M 29/02, A61F 2/02, A61B 17/32**

22 Date of filing : 21.07.92

30 Priority : 22.07.91 DE 9109006 U

43 Date of publication of application :
24.03.93 Bulletin 93/12

84 Designated Contracting States :
BE CH DE ES FR GB IT LJ LU NL

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54 Device for maintaining the patency of a bodily duct, and especially of a blood vessel, and uses thereof.

57 Device for maintaining substantially the patency of a bodily duct section of a patient, therefrom said device is removable, comprising an outer axially elongated catheter (1) within which a radially self-expandable mesh (6) can be retracted, said outer catheter having a distal portion slidable in said duct section and a proximal portion extendable externally from said patient body, an internal axially elongated operating member (2) having a distal portion to which is connected said mesh which comprises a plurality of interwoven resilient wires (7), said operating member being slidable within said outer catheter for connecting said mesh to outside said body and controlling therefrom the movements of the mesh.

Applications as a stent or an atherectomy device.

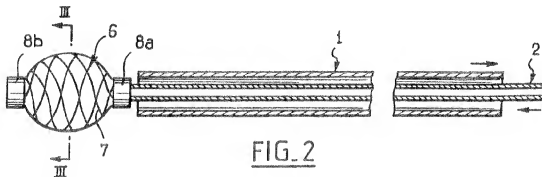


FIG. 2